

Title (en)
LIQUID PUMP, IN PARTICULAR FOR PROVIDING A SUPPLY TO A TRANSMISSION OR TO A CLUTCH IN THE DRIVE TRAIN OF A MOTOR VEHICLE

Title (de)
FLÜSSIGKEITSPUMPE, INSBESONDERE ZUR VERSORGUNG EINES GETRIEBES ODER EINER KUPPLUNG IM ANTRIEBSSTRANG EINES KRAFTFAHRZEUGES

Title (fr)
POMPE À LIQUIDE, EN PARTICULIER POUR ALIMENTER UNE TRANSMISSION OU UN EMBRAYAGE DANS LE TRAIN D'ENTRAÎNEMENT D'UN VÉHICULE À MOTEUR

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Application
EP 20210099 A 20201126

Priority
DE 102019132711 A 20191202

Abstract (en)
The application relates to a liquid pump, in particular for providing a supply to a transmission or to a clutch in the drive train of a motor vehicle, having a drive motor (2), having a pump module (3) which can be operated in two opposing directions of rotation, and having at least one inlet (26) and multiple outlets (28, 30, 32), each of which is assigned at least one check valve (36, 38, 39), characterized in that the pump module (3) is assigned a valve plate (5) in which, for each check valve (38, 39), a valve seat (34) and a receptacle (40) for a valve element (36, 38, 39) interacting with the valve seat (34) are provided.

IPC 8 full level
F04C 15/06 (2006.01); **F04C 2/10** (2006.01)

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Citation (search report)
• [X] US 2010322810 A1 20101223 - SCHEPP RENE [DE], et al
• [I] EP 1461533 A1 20040929 - LUK FAHRZEUG HYDRAULIK [DE]
• [I] US 2015086405 A1 20150326 - KONAKAWA HIDEFUMI [JP], et al
• [A] US 2014234124 A1 20140821 - RÜHLE GÜNTER [DE], et al

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
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